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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Agency Interest No. 2449
Activity No.: PER20040002

Mr. Walter Thomassie
Managing Partner
Thoma-Sea Ship Builders, LLC
6130 Highway 308
P.O. Box 399
Bourg, LA 70343-0399

RE: Part 70 Operating Permit, Lockport Yard
Thoma-Sea Ship Builders, LLC, Lockport, Lafourche Parish, Louisiana

Dear Mr. Thomassie:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2009.

Permit No.: 1560-00062-V0

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary

CSN:CWS
c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Lockport Yard
Agency Interest No.: 2449
Thoma-Sea Ship Builders, LLC
Lockport, Lafourche Parish, Louisiana**

I. Background

Thoma-Sea Ship Builders, LLC owns and operates the Lockport Yard, an existing shipyard facility which began operation in August of 2003. Thoma-Sea purchased the property, buildings, and other immovable assets from Halter Marine in April of 2003. Halter Marine had operated a shipyard facility at the site until January 2003.

Thoma-Sea currently operates the Lockport Yard under Compliance Order AE-CN-0212 issued February 13, 2006. The order issued interim limits to the facility and required that Thoma-Sea obtain a Part 70 permit.

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Thoma-Sea Ship Builders, LLC on November 17, 2004, requesting a Part 70 operating permit. Additional information dated January 5, 2005, July 5, August 3, 2007, June 13, 2008, January 16 and 26, and February 9, 2009, was also received.

III. Description

The Lockport facility fabricates and finishes ships from pre cut steel plating and structural steel. Processes employed during fabrication and finishing of ships includes the welding of steel, sandblasting, and the application of primers and finish coatings. These activities occur on vessels in docks, outdoors in yard areas, and indoors in fabrication areas. All paints used at the Lockport Yard are applied with airless sprayers and are not thinned during use per the manufacturer's recommendations.

Other facility activities include one 3,000 gallon diesel storage tank and frequent use of mobile cranes to lift parts of vessels and transport them to different work areas.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Emissions</u>
PM ₁₀	21.04
SO ₂	-
NO _x	-
CO	-
VOC *	11.68

*** VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):**

<u>Pollutant</u>	<u>Emissions</u>
Cumene	< 0.01
Ethyl Benzene	0.49
Methanol	0.03
n-Butyl Alcohol	1.73
Toluene	0.10
Xylene	2.66
Total	5.01

* Other VOC: 6.67

Non-VOC LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

<u>Pollutant</u>	<u>Emissions</u>
Chromium VI	< 0.001
Manganese	0.01
Nickel	< 0.001
Total	0.01

Supplemental LAC 33:III Chapter 51 Toxics Air Pollutants (TAPs):

Cobalt < 0.01

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

THOMA-SEA began operation of the Lockport Yard less than two years after Halter Marine, a shipyard facility, ceased operations. Based on EPA guidance¹, LDEQ considers the Lockport Yard an 'existing' source, and not a 'new' source.

Also, Halter Marine had been a major source of HAPs and subject to the provisions of 40 CFR 63 – Subpart II. From LDEQ's Toxic Emission Data Inventory (TEDI), Halter Marine had operated as a major source after the compliance date of 40 CFR 63 – Subpart II. Major sources subject to a MACT standard must change to area source status prior to the "first compliance date" of that standard in order to avoid the requirements for major sources under that standard, including the necessity for a Title V permit. If a facility does not take appropriate emission limits by this deadline, then the facility is classified as a major source for the purposes of that standard since Section 501(2) provides that any source that is major under Section 112 will also be major under Title V.²

Therefore, LDEQ has determined that EPA's 'once-in always-in'³ interpretation of MACT requirements applies to the Lockport Yard. Part 70 and 40 CFR 63 Subpart II requirements apply to the facility.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg.

¹ 'In the Matter of Monroe Electric Generating Plant', Petition 6-99-2, pp.8-10.

² March 23, 2000 EPA Memo entitled 'Applicability of the May 16, 1995 Memorandum "Potential to Emit for MACT Standards – Guidance on Timing Issues" for Subpart T Sources Who Become Non-major after the Compliance Date of the Standard'; by William T. Harnett, Acting Director, Information Transfer and Program Integration Division, OAQPS (MD-12)

³ May 16, 1995 EPA Memo entitled 'Potential to Emit for MACT Standards – Guidance on Timing Issues'; by John S. Seitz, Director, Office of Air Quality Planning and Standards (MD-10)

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8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 2008; and in the <local paper>, <local town>, on <date>, 2008. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>, 2008. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed modification were reviewed by the Air Quality Assessment Division to ensure compliance with the NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _X	CO	VOC
-	-	-	-	-	-	-

IX. Insignificant Activities

ID No.:	Description	Citation
004	Diesel Fuel Tank (2,936 gallons)	LAC 33:III.501.B.5.A.3
-	Mobile Cranes (200 hp each)	LAC 33:III.501.B.5.B.4
-	Grinding Operations (1 hr/day, 5 day/week)	LAC 33:III.501.B.5.D

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III:Chapter												40 CFR 60				40 CFR 63				40 CFR			
		2	5 ▲	509	9	11	13	15	2103	2113	2123	51*	53*	56	59*	A	Dc	Kb	III	A	II	52	64	68	
UNF001	FAC - Lockport Yard	1	1	1	1				1		2	3	1	3										3	
ARE001	001 - Boat Painting Areas					1	3			1	2									1	1				
ARE002	002 - Boat Sandblasting Areas					1	3																		
ARE003	003 - Welding Operations Areas					1	3					2													

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement				Notes
UNF001	Area Sources of Toxic Air Pollutants [LAC 33:III.5301.A]	DOES NOT APPLY.	The Lockport Yard is not one of the listed area sources in LAC 33:III.5301.A. 1-7.		
	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901]	DOES NOT APPLY.	The Lockport Yard contains no sources which produce, handle, process, or store substances listed in LAC 5907.A Table A in quantities greater than the listed threshold.		
	Chemical Accident Prevention Provisions [40 CFR 68]	DOES NOT APPLY.	The Lockport Yard contains no sources which produce, handle, process, or store substances listed in 40 CFR 68.130 in quantities greater than the listed threshold.		
ARE001	Emission Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY.	Emission source emits less than 5 tons per year or more of SO ₂ .		
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5101.A]	EXEMPT.	The Lockport Yard is not a major source which emits more than 10 TPY of any single toxic air pollutant (TAP) or 25 TPY of any combination of TAPs. This exemption is from the STATE-ONLY requirements of LAC 33:III.Chapter 51.		
ARE002	Emission Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY.	Emission source emits less than 5 tons per year or more of SO ₂ .		
ARE003	Emission Standards for Sulfur Dioxide [LAC 33:III.1502.A.3]	DOES NOT APPLY.	Emission source emits less than 5 tons per year or more of SO ₂ .		
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5101.A]	EXEMPT.	The Lockport Yard is not a major source which emits more than 10 TPY of any single toxic air pollutant (TAP) or 25 TPY of any combination of TAPs. This exemption is from the STATE-ONLY requirements of LAC 33:III.Chapter 51.		

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

40 CFR PART 70 GENERAL CONDITIONS

- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

40 CFR PART 70 GENERAL CONDITIONS

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

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- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated November 17, 2004, requesting a Part 70 operating permit. Additional information dated January 5, 2005, July 5, August 3, 2007, June 13, 2008, January 16 and 26, and February 9, 2009, was also received.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

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- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
 - A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

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- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 - 1. Report by June 30 to cover January through March
 - 2. Report by September 30 to cover April through June
 - 3. Report by December 31 to cover July through September
 - 4. Report by March 31 to cover October through December
 - D. Each report submitted in accordance with this condition shall contain the following information:
 - 1. Description of noncomplying emission(s);
 - 2. Cause of noncompliance;
 - 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 - 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
 - E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services in accordance with LAC 33:I.Chapter 19.Facility Name and Ownership/Operator Changes Process.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]
- These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.
- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. For Part 70 sources, certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard
 Activity Number: PER20040002
 Permit Number: 1560-00062-Y0
 Air - Title V Regular Permit Initial

Subject Item	PM10			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
Lockport Yard						
ARE 0001 001	49.60	62.00	17.02	34.02	42.03	11.68
ARE 0002 002	10.75	13.44	3.69			
ARE 0003 003	0.28	0.28	0.33			

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard

Activity Number: PER20040002

Permit Number: 1560-00062-V0

Air - Title V Regular Permit Initial

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0001 001	Cumene	0.01	0.01	<0.01
	Ethyl benzene	1.42	1.78	0.49
	Methanol	0.10	0.12	0.03
	Toluene	0.28	0.35	0.10
	Xylene (mixed isomers)	7.75	9.69	2.66
	n-butyl alcohol	5.05	6.31	1.73
ARE 0003 003	Chromium VI (and compounds)	<0.001	<0.001	<0.01
	Cobalt compounds	<0.001	<0.001	<0.01
	Manganese (and compounds)	0.01	0.01	0.01
	Nickel (and compounds)	<0.001	<0.001	<0.01
UNF 0001 FAC	Chromium VI (and compounds)			<0.001
	Cobalt compounds			<0.01
	Cumene			<0.01
	Ethyl benzene			0.49
	Manganese (and compounds)			0.01
	Methanol			0.03
	Nickel (and compounds)			<0.001
	Toluene			0.10
	Xylene (mixed isomers)			2.66
	n-butyl alcohol			1.73

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

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AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard
 Activity Number: PER20040002
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ARE 0001 001 - Boat Painting Areas

- 1 [40 CFR 63.783(a)] Antifouulant coating: VOHAP <= 765 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 2 [40 CFR 63.783(a)] High-temperature coating: VOHAP <= 1237 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 3 [40 CFR 63.783(a)] Nuclear coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 4 [40 CFR 63.783(a)] Sealant for thermal spray aluminum coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 5 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 6 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 7 [40 CFR 63.783(a)] Military exterior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 8 [40 CFR 63.783(a)] Heat resistant coating: VOHAP <= 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 9 [40 CFR 63.783(a)] Antenna coating: VOHAP <= 1439 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 10 [40 CFR 63.783(a)] General use coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 11 [40 CFR 63.783(a)] Nuclear coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 12 [40 CFR 63.783(a)] Tack coat: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 13 [40 CFR 63.783(a)] General use coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 14 [40 CFR 63.783(a)] Antenna coating: VOHAP <= 530 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 15 [40 CFR 63.783(a)] Heat resistant coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 16 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 17 [40 CFR 63.783(a)] Antifouulant coating: VOHAP <= 400 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 18 [40 CFR 63.783(a)] Undersea weapons systems coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified
- 19 [40 CFR 63.783(a)] Specialty interior coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

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ARE_001_001 - Boat Painting Areas

- 20 [40 CFR 63.783(a)] High-temperature coating: VOHAP \leq 1597 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 21 [40 CFR 63.783(a)] Navigational aids coating: VOHAP \leq 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 22 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 23 [40 CFR 63.783(a)] Navigational aids coating: VOHAP \leq 1997 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 24 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 25 [40 CFR 63.783(a)] Special marking coating: VOHAP \leq 490 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 26 [40 CFR 63.783(a)] Nuclear coating: VOHAP \leq 1069 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 27 [40 CFR 63.783(a)] Tack coat: VOHAP \leq 2235 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 28 [40 CFR 63.783(a)] Specialty interior coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 29 [40 CFR 63.783(a)] Specialty interior coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 30 [40 CFR 63.783(a)] Heat resistant coating: VOHAP \leq 1069 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 31 [40 CFR 63.783(a)] Nonskid coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 32 [40 CFR 63.783(a)] Nonskid coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 33 [40 CFR 63.783(a)] Special marking coating: VOHAP \leq 1178 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 34 [40 CFR 63.783(a)] Military exterior coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 35 [40 CFR 63.783(a)] Inorganic zinc high-build coating: VOHAP \leq 728 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 36 [40 CFR 63.783(a)] High-gloss coating: VOHAP \leq 420 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 37 [40 CFR 63.783(a)] Underssea weapons systems coating: VOHAP \leq 728 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 38 [40 CFR 63.783(a)] Military exterior coating: VOHAP \leq 571 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard
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ARE 0001 001 - Boat Painting Areas

- 39 [40 CFR 63.783(a)] Sealant for thermal spray aluminum coating: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Pretreatment wash primer coating: VOHAP <= 780 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Which Months: All Year Statistical Basis: None specified
 High-gloss coating: VOHAP <= 841 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Organic zinc coating: VOHAP <= 360 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Which Months: All Year Statistical Basis: None specified
 Air flask coating: VOHAP <= 571 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Pretreatment wash primer coating: VOHAP <= 11095 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 High temperature coating: VOHAP <= 500 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Air flask coating: VOHAP <= 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Repair and maintenance of thermoplastics coating: VOHAP <= 550 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Weld-through precon. primer coating: VOHAP <= 650 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Organic zinc coating: VOHAP <= 630 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Weld-through precon. primer coating: VOHAP <= 2885 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Air flask coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Mist coating: VOHAP <= 610 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 General use coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Nonskid coating: VOHAP <= 728 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Mist coating: VOHAP <= 2235 g/l solids, when t >= 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
 Organic zinc coating: VOHAP <= 802 g/l solids, when t < 4.5 degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified

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ARE 0001 001 - Boat Painting Areas

- 57 [40 CFR 63.783(a)] Rubber camouflage coating: VOHAP \leq 340 g/l coating (minus water and exempt compounds). Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 58 [40 CFR 63.783(a)] Antifouulant coating: VOHAP \leq 971 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 59 [40 CFR 63.783(a)] High-gloss coating: VOHAP \leq 1069 g/l solids, when $t < 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 60 [40 CFR 63.783(a)] Repair and maintenance of thermoplastics coating: VOHAP \leq 1597 g/l solids, when $t \geq 4.5$ degrees C. Subpart II. [40 CFR 63.783(a)]
 Which Months: All Year Statistical Basis: None specified
- 61 [40 CFR 63.783(b)(1)] Ensure that all handling and transfer of VOHAP-containing materials to and from containers, tanks, vats, drums, and piping systems is conducted in a manner that minimizes spills. Subpart II. [40 CFR 63.783(b)(1)]
- 62 [40 CFR 63.783(b)(2)] Ensure that all containers, tanks, vats, drums, and piping systems are free of cracks, holes, and other defects and remain closed unless materials are being added to or removed from them. Subpart II. [40 CFR 63.783(b)(2)]
- 63 [40 CFR 63.785(a)(1)] Determine the coating category and the applicable VOHAP limit as specified in 40 CFR 63.783(a), for each batch of coating received. Subpart II. [40 CFR 63.785(a)(1)]
- 64 [40 CFR 63.785(a)(2)] Certify the as-supplied VOC content of the batch of coating, for each batch of coating received. Subpart II. [40 CFR 63.785(a)(2)]
- 65 [40 CFR 63.785(b)(1)] Determine compliance with the VOHAP limits using any combination of the procedures described in 40 CFR 63.785(c)(1) through (c)(4).
- 66 [40 CFR 63.785(c)(1)(i)] Determine the procedure used for each coating and document prior to application. Subpart II. [40 CFR 63.785(b)(1)]
- 67 [40 CFR 63.785(c)(1)(ii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Certify the as-applied VOC content of each batch of coating. Subpart II. [40 CFR 63.785(c)(1)(i)]
- 68 [40 CFR 63.785(c)(1)(iii)] Coatings to which thinning solvent (or any other material) will not be added under any circumstance or to which only water is added: Notify the persons responsible for applying the coating that no thinning solvent may be added to the coating by affixing a label to each container of coating in the batch or through another means described in the implementation plan required in 40 CFR 63.787(b). Subpart II. [40 CFR 63.785(c)(1)(iii)]
- 69 [40 CFR 63.785(c)(2)(i)] Coatings to which thinning solvent is routinely or sometimes added: Determine a single thinner for the coating and calculate the maximum allowable thinning ratio(s) for each batch using 40 CFR 63.785(c)(2)(i) Equations 1 and 2 , prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(i)]
- 70 [40 CFR 63.785(c)(2)(ii)] Coatings to which thinning solvent is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch of the coating by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(2)(ii)]
- 71 [40 CFR 63.785(c)(2)(iii)] Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of each batch of the coating used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iii)]
- 72 [40 CFR 63.785(c)(2)(iv)] Coatings to which thinning solvent is routinely or sometimes added: Determine the total allowable volume of thinner for the coating used during the previous month using 40 CFR 63.785(c)(2)(iv) Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(iv)]

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ARE 0001 001 - Boat Painting Areas

- Coatings to which thinning solvent is routinely or sometimes added: Determine the volume of thinner actually used with the coating during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(2)(v)]
- Coatings to which thinning solvent is routinely or sometimes added: The volume of thinner actually used with the coating [determined in 40 CFR 63.785(c)(3)(v)] must be less than or equal to the total allowable volume of thinner for the coating [determined in 40 CFR 63.785(c)(3)(iv)]. Subpart II. [40 CFR 63.785(c)(2)(vi)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Designate a single thinner to be added to each coating during the month and "group" coatings according to their designated thinner. Subpart II. [40 CFR 63.785(c)(3)(i)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Calculate the maximum allowable thinning ratio(s) for each batch of coating in the group using the equations in 40 CFR 63.785(c)(2), prior to the first application of each batch. Subpart II. [40 CFR 63.785(c)(3)(ii)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Notify painters and other persons, as necessary, of the designated thinner and maximum allowable thinning ratio(s) for each batch in the group by affixing a label to each container of coating or through another means described in the implementation plan required in 40 CFR 63.787(b), prior to the first application of each "batch". Subpart II. [40 CFR 63.785(c)(3)(iii)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of each batch of the group used, as supplied, during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(iv)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the total allowable volume of thinner for the group for the previous month using 40 CFR 63 Subpart II Equation 3 by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(v)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: Determine the volume of thinner actually used with the group during the previous month by the 15th day of each calendar month. Subpart II. [40 CFR 63.785(c)(3)(vi)]
- Coatings to which the same thinning solvent (or other material) is routinely or sometimes added: The volume of thinner actually used with the group [determined in 40 CFR 63.785(c)(3)(vi)] must be less than or equal to the total allowable volume of thinner for the group [determined in 40 CFR 63.785(c)(3)(v)]. Subpart II. [40 CFR 63.785(c)(3)(vii)]
- Use or ensure that the manufacturer uses the form and procedures mentioned in 40 CFR 63 Subpart II Appendix A to determine values for thinner and coating parameters used in 40 CFR 63 Subpart II Equations 1 and 2. Ensure that the coating/thinner manufacturer (or supplier) provides information on the VOC and VOHAP contents of the coatings/thinners and the procedure(s) used to determine these values. Subpart II. [40 CFR 63.786(d)]
- Determine compliance with 40 CFR 63.785(c)(1) through (c)(4) using the methods specified in 40 CFR 63.786(a) through (c), as applicable. Subpart II.
- Comply with all applicable notification requirements in 40 CFR 63.9(a) through (d) and (i) through (j), with the exception that the deadline specified in 40 CFR 63.9(b)(2) and (3) shall be extended from 120 days to 180 days. Subpart II. [40 CFR 63.787(a)]
- Prepare a written implementation plan that addresses each of the subject areas specified in 40 CFR 63.787(b)(3). Subpart II. [40 CFR 63.787(b)(1)]
- Comply with the applicable recordkeeping and reporting requirements in 40 CFR 63.10(a), (b), (d), and (f). Subpart II. [40 CFR 63.788(a)]

SPECIFIC REQUIREMENTS

AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard
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ARE 0001 001 - Boat Painting Areas

- 87 [40 CFR 63.788(b)] Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the information specified in 40 CFR 63.788(b)(1) through (b)(4), as applicable, for a minimum of 5 years. Subpart II. [40 CFR 63.788(b)] Submit report: Due before the 60th day following completion of each 6-month period after the compliance date specified in 40 CFR 63.788(b)(2)(i) and (b)(2)(ii), (b)(2)(v), (b)(3)(i)(A), (b)(3)(ii)(A), and (b)(3)(iii)(A). If a violation is detected, also report the information specified in 40 CFR 63.788(b)(4) for the reporting period during which the violation(s) occurred. To the extent possible, organize the report according to the compliance procedure(s) followed each month. Subpart II. [40 CFR 63.788(c)] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 88 [40 CFR 63.788(c)] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 89 [LAC 33:III.1305] Which Months: All Year Statistical Basis: Six-minute average Other Specialty Coatings: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 90 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: 90 day rolling average General Use Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 91 [LAC 33:III.2123.C.11.a] Which Months: All Year Statistical Basis: 90 day rolling average Extreme High Gloss Coating: VOC, Total <= 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 92 [LAC 33:III.2123.C.11.a] Which Months: All Year Statistical Basis: 90 day rolling average Repair and Maintenance Thermoplastic Coating: VOC, Total <= 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 93 [LAC 33:III.2123.C.11.b] Which Months: All Year Statistical Basis: 90 day rolling average Navigational Aids Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent), in accordance with B.(1) of the Louisiana Shipbuilding & Ship Repair Facilities and Outdoor Surface Coating of Large Structures MACT Determination (November 23, 1995). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 94 [LAC 33:III.2123.C.11.b] Which Months: All Year Statistical Basis: 90 day rolling average Exterior Epoxy Primer Coating: VOC, Total <= 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 95 [LAC 33:III.2123.C.11.b] Which Months: All Year Statistical Basis: 90 day rolling average Low Activation Interior Coating: VOC, Total <= 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.
- 96 [LAC 33:III.2123.C.11.b] Which Months: All Year Statistical Basis: 90 day rolling average
- 97 [LAC 33:III.2123.C.11.b] Which Months: All Year Statistical Basis: 90 day rolling average

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ARE 0001 001 - Boat Painting Areas

98 [LAC 33:III.2123.C.11.b]

Sealant for Wire-Sprayed Aluminum Coating: VOC, Total \leq 5.4 lb/gal (0.648 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

99 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Solvent-Based Inorganic Zinc Primer Coating: VOC, Total \leq 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

100 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Pretreatment Wash Primer Coating: VOC, Total \leq 6.5 lb/gal (0.78 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

101 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Elastomeric Adhesives with 15% weight Natural or Synthetic Rubber Coating: VOC, Total \leq 6.08 lb/gal (0.73 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

102 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average^c Portable Water Tank Coating (DOD-P-23236): VOC, Total \leq 3.7 lb/gal (0.444 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

103 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average High Gloss Alkyd Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

104 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Flight Deck Markings (DOD-C-24667) Coating: VOC, Total \leq 4.2 lb/gal (0.504 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

105 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Underwater Weapon Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

106 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Preconstruction and Interior Primer Coating: VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

107 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average Wood Spar Varnish (Fed. Spec. TT-V-119) Coating: VOC, Total \leq 4.1 lb/gal (0.492 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

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Antifoulant Applied to Aluminum Hulls Coating: VOC, Total \leq 4.5 lb/gal (0.55 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

Which Months: All Year Statistical Basis: 90 day rolling average
 Special Marking Coating: VOC, Total \leq 4.08 lb/gal (0.49 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

Which Months: All Year Statistical Basis: 90 day rolling average
 Metallic Heat Resistant Coating: VOC, Total \leq 4.42 lb/gal (0.53 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.
 Which Months: All Year Statistical Basis: 90 day rolling average
 Tank Coating (DOD-P-23236): VOC, Total \leq 3.5 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

Which Months: All Year Statistical Basis: 90 day rolling average
 Antifoulant Coating: VOC, Total \leq 3.66 lb/gal (0.44 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.
 Which Months: All Year Statistical Basis: 90 day rolling average
 Heat Resistant Coating: VOC, Total \leq 3.51 lb/gal (0.42 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

Which Months: All Year Statistical Basis: 90 day rolling average
 Dull Black Finish Coating (DOD-P-15146): VOC, Total \leq 3.7 lb/gal (0.444 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.
 Which Months: All Year Statistical Basis: 90 day rolling average
 Anchor Chain Asphalt Varnish (Fed. Spec. TT-V-51) Coating: VOC, Total \leq 5.2 lb/gal (0.62 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

Which Months: All Year Statistical Basis: 90 day rolling average
 High Temperature (Fed. Spec. TT-P-28) Coating: VOC, Total \leq 5.41 lb/gal (0.65 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.
 Which Months: All Year Statistical Basis: 90 day rolling average
 Vinyl Acrylic Top Coats Coating: VOC, Total \leq 5.4 lb/gal (0.648 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III:Table 51.1.

108 [LAC 33:III.2123.C.11.b]

109 [LAC 33:III.2123.C.11.b]

110 [LAC 33:III.2123.C.11.b]

111 [LAC 33:III.2123.C.11.b]

112 [LAC 33:III.2123.C.11.b]

113 [LAC 33:III.2123.C.11.b]

114 [LAC 33:III.2123.C.11.b]

115 [LAC 33:III.2123.C.11.b]

116 [LAC 33:III.2123.C.11.b]

117 [LAC 33:III.2123.C.11.b]

SPECIFIC REQUIREMENTS

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ARE 0001 001 - Boat Painting Areas

118 [LAC 33:III.2123.C.11.b]

Antenna Coating: VOC, Total <= 4.42 lb/gal (0.53 kg/L) of coating as applied (minus water and exempt solvent), in accordance with B.(1) of the Louisiana Shipbuilding & Ship Repair Facilities and Outdoor Surface Coating of Large Structures MACT Determination (November 23, 1995). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III. Table 51.1.

119 [LAC 33:III.2123.C.11.b]

Which Months: All Year Statistical Basis: 90 day rolling average
Tack Coat (Epoxies) Coating: VOC, Total <= 5.08 lb/gal (0.61 kg/L) of coating as applied (minus water and exempt solvent). Include organic compounds contained in the paint or thinner which have negligible photochemical reactivity but are listed in LAC 33:III.Table 51.1.

120 [LAC 33:III.2123.D.3]

Which Months: All Year Statistical Basis: 90 day rolling average
Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 4502-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-4502-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.

121 [LAC 33:III.2123.E]

Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E. 1 through E.6, as appropriate.

Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F. 1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years.

Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123.

Permittee shall determine the more stringent coating limitation of either 40 CFR 63.783(a) or LAC 33:III.2123.C.11 prior to application of a paint during operations.

Permittee shall shroud with tarps equipment being painted to the extent that is practicable. Shrouds shall have shade factor of 85 percent or greater and tears greater than 1 foot in length must be repaired.

ARE 0002 002 - Boat Sand Blasting Areas

126 [LAC 33:III.1305]

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Do not use material derived from hazardous, toxic, medical, and/or municipal waste as abrasive material.

Particulate matter fines < 10 % by weight of the abrasive that would pass through a No. 80 sieve as documented by the supplier. If supplier documentation is not provided for weight percent of fines in abrasive material, take samples according to ASTM standard ASTM D 75-87, reapproved 1992, before initial use.

Which Months: All Year Statistical Basis: None specified
Do not reuse abrasives for abrasive blasting unless they meet the requirements of LAC 33:III.1327.A.2.

Fully enclose the item, or surround the structure, to be blasted.

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ARE 0002 002 - Boat Sand Blasting Areas

- Prepare and implement a best management practices (BMP) plan as described in LAC 33:III.1.331.
- Re-circulate blast cabinet exhaust to the cabinet or vent to emission control equipment.
- Ensure that tarps have overlapping seams to prevent leakage of particulate matter.
- Shade factor ≥ 80 percent. Limit the shade factor of the tarps.
- Which Months: All Year Statistical Basis: None specified
- Repair tarps prior to use if any single tear greater than 1 foot in length is present or if tears greater than 6 inches in length each are present.
- Exhaust the collection system through effective control equipment with a particulate matter outlet grain loading of 0.05 gr/dscf or less, as documented by the control equipment manufacturer or demonstrated by performance testing.
- Prevent blasting material or visible floating solids from reaching waters of the state or minimize to the maximum extent possible as specified in the facility and/or activity BMP or in accordance with the LPDES permit program.
- Ensure that abrasive blasting activities do not create a nuisance.
- Maintain stockpiles of new and/or spent abrasive material in a manner that will minimize fugitive airborne emissions.
- Use and diligently maintain all emission control equipment in proper working order according to the manufacturer's specifications whenever any emissions are being generated that can be controlled by the facility, even if the ambient air quality standard in affected areas are not exceeded.
- Keep a complete copy of the BMP plan at the facility and make available to authorized representatives of DEQ upon request. Submit plans to DEQ if requested by an authorized representative of DEQ.
- Designate a person who is accountable for the implementation and effectiveness of the BMP plan.
- Amend the BMP plan if required to by DEQ or whenever physical or operational modification of the facility renders the existing plan inadequate. Implement the amendment prior to or concurrent with the facility modification.
- Review the BMP plan every three years to determine if the plan adequately reduces nuisances and adverse off-site impacts. If it is determined that the plan is not adequate, amend the plan within 90 days of the review to include more effective emission prevention and control technology.
- Prepare the BMP plan in accordance with sound engineering practices and ensure that it is site-specific. Present the plan information in the sequence specified in LAC 33:III.1.331.F.1 through F.10.
- Include provisions for personnel training in the BMP plan as specified in LAC 33:III.1.331.G.1 through G.4.
- Ensure that records of the three year review are signed or initialed by the person conducting the review and an appropriate supervisor or the facility designee. Retain for a minimum of three years.
- Maintain the following records on the facility premises: Self-inspection reports prepared in accordance with LAC 33:III.1.331.F.8, and documentation of employee and contractor training, including dates, subjects, and hours of training and a list of attendees with signatures.
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in LAC 33:III.1.333.A.1 through A.7 on the facility premises at all times. Present them to an authorized representative of DEQ upon request.
- Maintain records on a 36 month rolling basis.

ARE 0003 003 - Welding Operations Areas

- Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to,
- those specified in LAC 33:III.1.305.1-7.

SPECIFIC REQUIREMENTS

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ARE 0003 003 - Welding Operations Areas

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

UNF 0001 FAC - Lockport Yard

- 153 [40 CFR 63.] All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart II.
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 154 [40 CFR 70.5(a)(1)(iii)] Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 155 [40 CFR 70.6(a)(3)(iii)(A)] Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 156 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 157 [40 CFR 70.6(c)(5)(iv)] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 158 [LAC 33:III.1303.B] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 159 [LAC 33:III.2113.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority.
- 160 [LAC 33:III.2119] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
- 161 [LAC 33:III.5611.A] Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III. Chapter 59, whenever is later.
- 162 [LAC 33:III.5611.B] Include the information listed in LAC 33:III.5911.B, and submit to the Office of Environmental Compliance.
- 163 [LAC 33:III.5911.A] Submit amended registration: Due to the Office of Environmental Compliance within 60 days after the information in the submitted registration is no longer accurate.
- 164 [LAC 33:III.5911.C]

SPECIFIC REQUIREMENTS

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UNF 0001 FAC - Lockport Yard

165 [LAC 33:III.919.D]

Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

General Information

AI ID: 2449 Thoma-Sea Ship Builders LLC - Lockport Yard
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Also Known As:	ID	Name	User Group	Start Date
	1560-00062	Thoma-Sea Ship Builders LLC - Lockport Yard	CDS Number	09-18-1992
LAD057113599		Thoma-Sea Ship Builders LLC	Hazardous Waste Notification	04-27-2006
LA0102989		LPDES #	LPDES Permit #	05-22-2003
LAG480490		LPDES #	LPDES Permit #	04-28-2005
LAR05M053		LPDES #	LPDES Permit #	05-22-2003
LAR05N349		LPDES #	LPDES Permit #	08-08-2004
LAR05N881		LPDES #	LPDES Permit #	09-24-2007
WP4732		LWDPs #	LWDPs Permit #	06-25-2003
D057-2555		Thoma-Sea Ship Builders LLC - Lockport Yard	Solid Waste Facility No.	01-08-2002
41718		Halter Marine Group Inc - Trinity Plant #84	TEMPO Merge	05-07-2002
70374HLTRMHWY30		TRI #	Toxic Release Inventory	07-14-2004
Physical Location:		Main Phone:	9855325515	
	6130 Hwy 308 S Lockport, LA 70374			
Mailing Address:	PO Box 399 Bourg, LA 703430399			
Location of Front Gate:	29° 39' 13" latitude, 90° 32' 8" longitude, Coordinate Method: Lat.Long. - DMS, Coordinate Datum: NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	tsbb@bellsouth.com	Responsible Official for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	9855325515 (WP)	Responsible Official for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	tsbb@bellsouth.com	Water Permit Contact For
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	9855325515 (WP)	Water Permit Contact For
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	9855325515 (WP)	Waste Billing Party for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	9855325515 (WP)	Air Permit Contact For
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	tsbb@bellsouth.com	Emission Inventory Contact for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	9855325515 (WP)	Emission Inventory Contact for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	tsbb@bellsouth.com	Haz. Waste Billing Party for
	Walter Thomassie	PO Box 53 Bourg, LA 703430053	tsbb@bellsouth.com	Air Permit Contact For
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Thoma-Sea Ship Builders LLC	PO Box 399 Bourg, LA 703430399	9858530620 (WP)	Operates
	Thoma-Sea Ship Builders LLC	PO Box 399 Bourg, LA 703430399	9858530620 (WP)	Owns
	Thoma-Sea Ship Builders LLC	PO Box 399 Bourg, LA 703430399	9858530620 (WP)	Emission Inventory Billing Party
	Thoma-Sea Ship Builders LLC	PO Box 399 Bourg, LA 703430399	9858530620 (WP)	Air Billing Party for

General Information

AI ID: 2449 Thoma-Sea Ship Builders LLC - Lockport Yard
Activity Number: PER20040002
Permit Number: 1560-00062-V0
Air - Title V Regular Permit Initial

Related Organizations:	Name	Address	Phone (Type)	Relationship
	Thoma-Sea Ship Builders LLC	PO Box 399 Bourg, LA 703430399	9858530620 (WP)	Water Billing Party for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-0776 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2449 - Thoma-Sea Ship Builders LLC - Lockport Yard
 Activity Number: PER20040002
 Permit Number: 1560-00062-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Lockport Yard						
ARE 0001	001 - Boat Painting Areas	7550 gallons/yr	7550 gallons/yr	7550 gallons/yr		780 hr/yr
ARE 0002	002 - Boat Sand Blasting Areas	283.7 tons/yr	283.7 tons/yr	283.7 tons/yr		686.4 hr/yr
ARE 0003	003 - Welding Operations Areas	10.68 tons/yr	10.68 tons/yr	10.68 tons/yr		2340 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
Relationships:							

Subject Item Groups:

ID	Group Type	Group Description
UNF 0001	Unit or Facility Wide	FAC - Lockport Yard

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1290	1290 Ship and Boat Building; E) 200 or Less Employees		

SIC Codes:

3732	Boat building and repairing	AI 2449
3732	Boat building and repairing	UNF 001